

Patent Application US/07/695,201B

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Higuchi, Russell H.

(ii) TITLE OF INVENTION: Homogeneous Methods for Nucleic Acid
Amplification and Detection

(iii) NUMBER OF SEQUENCES: 14

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Cetus Corporation
(B) STREET: 1400 Fifty-Third Street
(C) CITY: Emeryville
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 94608

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Sias, Stacey R.
(B) REGISTRATION NUMBER: 32,630
(C) REFERENCE/DOCKET NUMBER: 2599

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (415) 420-3197
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(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 26 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

Patent Application US/07/695,201B

54
55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
56
57 GTGCTGCAGG TGTAAGCTTG TACCAG 26
58
59 (2) INFORMATION FOR SEQ ID NO:2:
60
61 (i) SEQUENCE CHARACTERISTICS:
62 (A) LENGTH: 28 base pairs
63 (B) TYPE: nucleic acid
64 (C) STRANDEDNESS: single
65 (D) TOPOLOGY: linear
66
67 (ii) MOLECULE TYPE: DNA (genomic)
68
69
70
71 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
72
73 CACGGATCCG GTAGCAGCGG TAGAGTTG 28
74
75 (2) INFORMATION FOR SEQ ID NO:3:
76
77 (i) SEQUENCE CHARACTERISTICS:
78 (A) LENGTH: 17 base pairs
79 (B) TYPE: nucleic acid
80 (C) STRANDEDNESS: single
81 (D) TOPOLOGY: linear
82
83 (ii) MOLECULE TYPE: DNA (genomic)
84
85
86
87 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
88
89 GTGTAACTT GTACCAG 17
90
91 (2) INFORMATION FOR SEQ ID NO:4:
92
93 (i) SEQUENCE CHARACTERISTICS:
94 (A) LENGTH: 16 base pairs
95 (B) TYPE: nucleic acid
96 (C) STRANDEDNESS: single
97 (D) TOPOLOGY: linear
98
99 (ii) MOLECULE TYPE: DNA (genomic)
100
101
102
103 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
104
105 GGTAGCAGCG GTAGAG 16
106

Patent Application US/07/695,201B

107 (2) INFORMATION FOR SEQ ID NO:5:

108

109 (i) SEQUENCE CHARACTERISTICS:

110 (A) LENGTH: 27 base pairs

111 (B) TYPE: nucleic acid

112 (C) STRANDEDNESS: single

113 (D) TOPOLOGY: linear

114

115 (ii) MOLECULE TYPE: DNA (genomic)

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118

119 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

120

121 CCGGATCCTT CGTGTCCCA CAGCAGC

27

122

123 (2) INFORMATION FOR SEQ ID NO:6:

124

125 (i) SEQUENCE CHARACTERISTICS:

126 (A) LENGTH: 27 base pairs

127 (B) TYPE: nucleic acid

128 (C) STRANDEDNESS: single

129 (D) TOPOLOGY: linear

130

131 (ii) MOLECULE TYPE: DNA (genomic)

132

133

134

135 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

136

137 CTCCCAACC CCGTAGTTGT GTCTGCA

27

138

139 (2) INFORMATION FOR SEQ ID NO:7:

140

141 (i) SEQUENCE CHARACTERISTICS:

142 (A) LENGTH: 21 base pairs

143 (B) TYPE: nucleic acid

144 (C) STRANDEDNESS: single

145 (D) TOPOLOGY: linear

146

147 (ii) MOLECULE TYPE: DNA (genomic)

148

149

150

151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

152

153 TCCACTTTAT TCCAGGCCTG T

21

154

155 (2) INFORMATION FOR SEQ ID NO:8:

156

157 (i) SEQUENCE CHARACTERISTICS:

158 (A) LENGTH: 23 base pairs

159 (B) TYPE: nucleic acid

Patent Application US/07/695,201B

160 (C) STRANDEDNESS: single

161 (D) TOPOLOGY: linear

162

163 (ii) MOLECULE TYPE: DNA (genomic)

164

165

166

167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

168

169 TTGAATGGAA TGGGAACGAA TGG

23

170

171 (2) INFORMATION FOR SEQ ID NO:9:

172

173 (i) SEQUENCE CHARACTERISTICS:

174 (A) LENGTH: 19 base pairs

175 (B) TYPE: nucleic acid

176 (C) STRANDEDNESS: single

177 (D) TOPOLOGY: linear

178

179 (ii) MOLECULE TYPE: DNA (genomic)

180

181

182

183 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

184

185 AATAGACCAA TAGGCAGAG

19

186

187 (2) INFORMATION FOR SEQ ID NO:10:

188

189 (i) SEQUENCE CHARACTERISTICS:

190 (A) LENGTH: 14 base pairs

191 (B) TYPE: nucleic acid

192 (C) STRANDEDNESS: single

193 (D) TOPOLOGY: linear

194

195 (ii) MOLECULE TYPE: DNA (genomic)

196

197

198

199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

200

201 CACCTGACTC CTGA

14

202

203 (2) INFORMATION FOR SEQ ID NO:11:

204

205 (i) SEQUENCE CHARACTERISTICS:

206 (A) LENGTH: 14 base pairs

207 (B) TYPE: nucleic acid

208 (C) STRANDEDNESS: single

209 (D) TOPOLOGY: linear

210

211 (ii) MOLECULE TYPE: DNA (genomic)

212

Patent Application US/07/695,201B

213
214
215 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
216
217 CACCTGACTC CTGT 14
218
219 (2) INFORMATION FOR SEQ ID NO:12:
220
221 (i) SEQUENCE CHARACTERISTICS:
222 (A) LENGTH: 26 base pairs
223 (B) TYPE: nucleic acid
224 (C) STRANDEDNESS: single
225 (D) TOPOLOGY: linear
226
227 (ii) MOLECULE TYPE: DNA (genomic)
228
229
230
231 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
232
233 CCAGGCCAGA TGAGAGAACC AAGGGG 26
234
235 (2) INFORMATION FOR SEQ ID NO:13:
236
237 (i) SEQUENCE CHARACTERISTICS:
238 (A) LENGTH: 53 base pairs
239 (B) TYPE: nucleic acid
240 (C) STRANDEDNESS: single
241 (D) TOPOLOGY: linear
242
243 (ii) MOLECULE TYPE: DNA (genomic)
244
245
246
247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
248
249 GCGGGCAGGG CGGCGGGGGC GGGGCCGAAC CGGTCTACAT AGTCTCTAAA GGG 53
250
251 (2) INFORMATION FOR SEQ ID NO:14:
252
253 (i) SEQUENCE CHARACTERISTICS:
254 (A) LENGTH: 17 base pairs
255 (B) TYPE: nucleic acid
256 (C) STRANDEDNESS: single
257 (D) TOPOLOGY: linear
258
259 (ii) MOLECULE TYPE: DNA (genomic)
260
261
262
263 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
264
265 GGTCCTGTC TTATGTC 17

Page: 6

Raw Sequence Listing

07/19/91

17:28:01

Patent Application US/07/695,201B

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/07/695,201B

DATE: 07/19/91
TIME: 17:28:01

LINE ERROR

ORIGINAL TEXT

PAGE: 1

SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION US/07/695,201B

DATE: 07/19/91
TIME: 17:28:01

MANDATORY IDENTIFIER THAT WAS NOT FOUND

PRIOR APPLICATION DATA
APPLICATION NUMBER
FILING DATE

PAGE: 1

SEQUENCE CORRECTION REPORT
PATENT APPLICATION US/07/695,201B

DATE: 07/19/91
TIME: 17:28:01

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CORRECTED TEXT